

BIRCH, STEWART, KOLASCH & BIRCH, LLP

INTELLECTUAL PROPERTY LAW  
8110 GATEHOUSE ROAD  
SUITE 500 EAST  
FALLS CHURCH, VA 22042-1210  
USA

(703) 205-8000

FAX: (703) 205-8050  
(703) 698-8590 (G IV)

e-mail: mailroom@bskb.com  
web: http://www.bskb.com

CALIFORNIA OFFICE  
COSTA MESA, CALIFORNIA

SCOTT L. LOWE  
PAUL C. LEWIS  
RICHARD J. GALLAGHER  
JAYNE M. SAYDAH\*  
MARYANNE ARMSTRONG, PH.D.  
KECIA J. REYNOLDS  
ROBERT L. SCOTT, II  
KALPANA REDDY  
MARK E. OLDS  
ESTHER H. CHONG  
CATHERINE M. VOISINET\*  
EUGENE T. PEREZ

REG. PATENT AGENTS:  
FREDERICK R. HANDREN  
MAKI HATSUMI  
CRAIG A. McROBBIE  
GARTH M. DAHLEN, PH.D.  
ROBERT E. GOOZNER, PH.D.  
KRISTI L. RUPERT, PH.D.  
MATTHEW T. SHANLEY  
SUSAN W. GORMAN, PH.D.  
DAVID J. CHO  
ROBERT W. DOWNS

TERRELL C. BIRCH  
RAYMOND C. STEWART  
JOSEPH A. KOLASCH  
JAMES M. SLATTERY  
BERNARD L. SWEENEY\*  
MICHAEL K. MUTTER  
CHARLES GORENSTEIN  
ERALD M. MURPHY, JR.  
LEONARD R. SVENSSON  
ANDREW D. MEIKLE  
MARC S. WEINER  
JOE MCKINNEY MUNCY  
ROBERT J. KENNEY  
JOHN W. BAILEY  
MARK J. NUEL, PH.D.  
JAMES T. ELLER, JR.  
RICHARD ANDERSON

OF COUNSEL:  
HERBERT M. BIRCH (1905-1996)  
ELLIOT A. GOLDBERG\*  
WILLIAM L. GATES\*  
EDWARD H. VALANCE  
RUPERT J. BRADY (RET.)\*  
F. PRINCE BUTLER  
FRED S. WHISENHUNT  
JAMES W. HELLWEGE

\*ADMITTED TO A BAR OTHER THAN VA.

Date: February 8, 2002

Docket No.: 3349-0106P

Assistant Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): SEKINE, Chizu  
ISHITOBI, Masamitsu; FUJISAWA, Koichi  
IWAKURA, Kazunori; MINAI, Masayoshi

For: COMPOUND HAVING PHENYLACETYLENE STRUCTURE, LIQUID CRYSTAL  
COMPOSITION, POLYMER, OPTICALLY ANISOTROPIC PRODUCT, OPTICAL  
OR LIQUID CRYSTAL ELEMENT, DIBENZOTHIOPHENE COMPOUND, INTERMEDIATE,  
AND PROCESS FOR PRODUCING THE SAME

Enclosed are:

☒ A specification consisting of 176 pages

☐ sheet(s) of ☐ drawings

☒ An assignment of the invention - \$40.00 Recording Fee

☒ Certified copy of Priority Document(s)

☒ Executed Declaration ☒ Original ☐ Photocopy

☐ Applicant claims small entity status in accordance with 37 CFR 1.27

☐ Application Data Sheet in accordance with 37 C.F.R. 1.76

☒ Preliminary Amendment  
☒ Information Disclosure Statement, PTO-1449 and reference(s)  
 \_\_\_\_\_ Other \_\_\_\_\_

\_\_\_\_\_ Applicant requests early publication

The filing fee has been calculated as shown below:

LARGE ENTITY				SMALL ENTITY	
FOR	NO. FILED	NO. EXTRA	RATE FEE		RATE FEE
BASIC FEE	***** ***** *****	***** ***** *****	***** ***** ***** \$740.00	or	***** ***** ***** \$370.00
TOTAL CLAIMS	75 - 20 =	55	x18 =\$ 990.00	or	x 9 = \$ 0.00
INDEPENDENT	6 - 3 =	3	x84 =\$ 252.00	or	x 42 = \$ 0.00
MULTIPLE DEPENDENT CLAIM PRESENTED <u>yes</u>			+280 = \$280.00	or	+140 = \$ 0.00
TOTAL \$2,262.00					TOTAL \$ 0.00

☒ A check in the amount of \$2,302.00 to cover the filing fee and recording fee (if applicable) is enclosed.

\_\_\_\_\_ Please charge Deposit Account No. 02-2448 in the amount of \$\_\_\_\_\_. A triplicate copy of this transmittal form is enclosed.

\_\_\_\_\_ No fee is enclosed.

Please send correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 2292  
 P.O. Box 747  
 Falls Church, VA 22040-0747  
 Telephone: (703) 205-8000

1005-1-2000

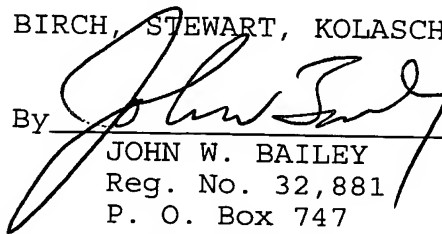
3349-0106P

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. 1.16 or under 37 C.F.R. 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By



JOHN W. BAILEY

Reg. No. 32,881

P. O. Box 747

Falls Church, Virginia 22040-0747

(703) 205-8000  
JWB/ka

10057871.000000

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant(s): SEKINE, Chizu et al.

Application No.:

Group:

Filed: February 8, 2002

Examiner:

For: COMPOUND HAVING PHENYLACETYLENE STRUCTURE, LIQUID CRYSTAL COMPOSITION, POLYMER, OPTICALLY ANISOTROPIC PRODUCT, OPTICAL OR LIQUID CRYSTAL ELEMENT, DIBENZOTHIOPHENE COMPOUND, INTERMEDIATE, AND PROCESS FOR PRODUCING THE SAME

LETTER

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

February 8, 2002  
3349-0106P

Sir:

Under the provisions of 35 USC 119 and 37 CFR 1.55(a), the applicant hereby claims the right of priority based on the following application(s):

<u>Country</u>	<u>Application No.</u>	<u>Filed</u>
JAPAN	2001-33782	02/09/01
JAPAN	2001-37311	02/14/01
JAPAN	2001-52954	02/27/01

A certified copy of the above-noted application(s) is(are) attached hereto.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. 1.16 or under 37 C.F.R. 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By: 

JOHN W. BAILEY  
Reg. No. 32,881  
P. O. Box 747

Falls Church, VA. 22040-0747

Attachment  
(703) 205-8000  
/ka